## **ABSTRACT**

According to the present invention, there can be provided a water-insoluble silver conjugated protein formed of a silver salt and a water-soluble protein having an active thiol group content of 0.1 to 200  $\mu$  mol/g and also an antibacterial / antifungal agent and an antibacterial / antifungal paper using the same, that is, there can be provided a water-insoluble conjugated protein with a high silver content from which silver having antibacterial / antifungal activity is not released easily and also an antibacterial / antifungal agent and an antibacterial / antifungal paper using the same.

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